

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/053889 A1

(51) International Patent Classification⁷: **B23D 63/16**

(21) International Application Number:
PCT/SI2004/000039

(22) International Filing Date:
25 November 2004 (25.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
P-200300290 1 December 2003 (01.12.2003) SI

(71) Applicant and

(72) Inventor: **CENDAK, Drago** [SI/SI]; Alietova 10, 6310
IZOLA (SI).

(74) Agent: **INVENTIO d.o.o.**; Dolenjska cesta 11, PO Box
2410, 1001 LJUBLJANA (SI).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

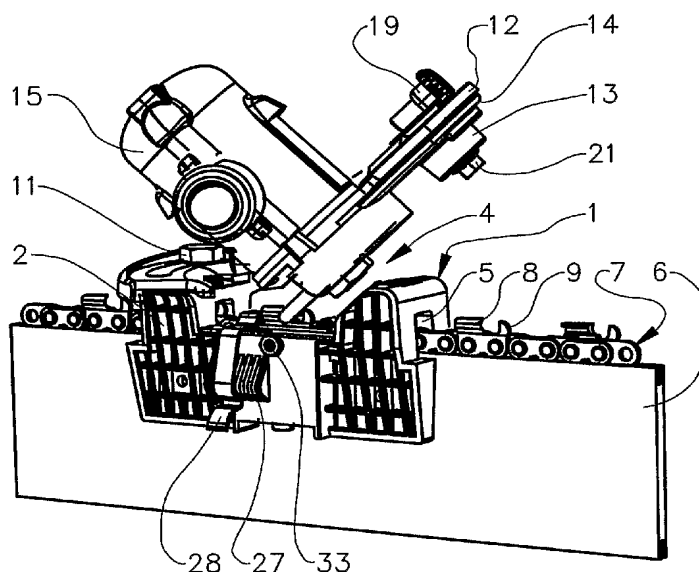
(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **DEVICE FOR SHARPENING CHAIN SAW TEETH**



(57) Abstract: A device for sharpening chain saw teeth, in particular of a chain saw which is portable and applicable in the field, and where the chain is not to be taken off the chain saw blade when sharpened enables swinging of a grinding wheel (16) transversally to each tooth (8) of a chain (7) resulting in plane cutting faces of each tooth (8). The grinding wheel (16) of the relatively small diameter is rotated by an actuator (15) of the suitably small power and high number of the revolutions resulting in high cutting speed. Said actuator (15) can be either electric motor, supplied with electricity from electric mains or a battery, a pneumatic motor or a hydraulic motor.